UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 6, 2019

Ricky Kyaw
Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC, 27419

Subject: Registration Review Label Mitigation for Fludioxonil and Mefenoxam
Product Name: MAXIM XL FUNGICIDE
EPA Registration Number: 100-916
Application Dates: February 1, 2019; July 31, 2018
Decision Number: 552178; 554305

Dear Ricky Kyaw:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fludioxonil and Mefenoxam Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Miguel Zavala by phone at 703-347-0504, or via email at zavala.miguel@epa.gov.

Sincerely,

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

MEFENOXAM	GROUP	4	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

Maxim® XL

Fungicide

A seed treatment product for protection against certain seed and seedling diseases of crop plants

Active Ingredients:	
Fludioxonil*:	21.0%
Mefenoxam**:	8.4%
Other Ingredients:	70.6%
Total:	100.0%

*CAS No. 131341-86-1
**CAS Nos. 70630-17-0 and 69516-34-3

Maxim XL is a flowable concentrate for seed treatment containing 1.9 lb fludioxonil and 0.80 lb mefenoxam per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-916

EPA Est.

2.5 gallons
15 gallons
Net Contents

ACCEPTED
Sep 06, 2019
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 100-916

FIRST AID	
If swallowed	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils or Viton® ≥14 mils
- Shoes plus socks

User Safety Requirements

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. Fludioxonil has properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Maxim XL must be used only in accordance with the directions on this label or on EPA-approved supplemental labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: Do not apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of barrier laminate ≥14 mils, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils or Viton ≥14 mils
- Shoes plus socks

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with Maxim XL.

PRODUCT INFORMATION

Maxim XL, a prepack of the active ingredients of Maxim 4FS (fludioxonil) and Apron XL® (mefenoxam), is a seed treatment fungicide which controls certain soil-borne and seed-borne diseases of crop plants. Fludioxonil is active against *Fusarium*, *Rhizoctonia*, seed-borne *Sclerotinia*, *Helminthosporium*, *Tilletia caries* (which causes common bunt in wheat) and weakly pathogenic fungi, *Aspergillus* and *Penicillium*. Mefenoxam is active against *Pythium*, *Phytophthora* and systemic downy mildew. On some crops, additional Apron XL will be required to control *Pythium*, *Phytophthora*, and systemic downy mildew. The amount of additional Apron XL needed will depend on the level of disease pressure. Follow all directions on the Apron XL label if mixed with Maxim XL.

RESISTANCE MANAGEMENT

MEFENOXAM	**GROUP**	**4**	**FUNGICIDE**
FLUDIOXONIL	**GROUP**	**12**	**FUNGICIDE**

For resistance management, please note that Maxim XL contains mefenoxam, a Group 4 fungicide, and fludioxonil, a Group 12 fungicide. Any fungal population may contain individuals naturally resistant to Maxim XL and other Group 4 and Group 12 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Mefenoxam belongs to the phenylamide class of chemistry which interferes with fungal RNA synthesis. Fludioxonil belongs to the phenylpyrrole class of chemistry which

interferes with osmotic signal transduction.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of Maxim XL or other Group 4 or Group 12 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crop and pathogens.
- For further information or to report suspected resistance contact Syngenta at 1-866-Syngent(a) (866-796-4368). You can also contact your pesticide distributor or university extension specialist to report resistance.

The following guidelines may be used to determine the required rate of each product:

Step 1 – Select the specified rate of Maxim XL required based on the expected level of *Fusarium*, *Rhizoctonia*, seed-borne *Sclerotinia*, *Helminthosporium*, *Tilletia caries*, *Aspergillus*, or *Penicillium*. Use the higher specified rate (0.334 fl oz per 100 lb of seed) when high levels of disease are expected.

Step 2 – If necessary, select the rate of additional Apron XL required based on the expected level of *Pythium*, *Phytophthora*, or systemic downy mildew. See directions under each crop for specific rate.

MIXING PROCEDURES

Apply Maxim XL as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the labeled amount of Maxim XL into the required amount of water for the slurry treater and dilution rate to be used.

Follow the manufacturer's application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment.

- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed as stated in 40 CFR 153.155(c).
- Allow seed to dry before bagging.

Maxim XL used at 0.167 fl oz per 100 lb seed will deliver 2.5 g fludioxonil and 1 g mefenoxam per 100 kg of seed. The 0.334 fl oz per 100 lb seed of Maxim XL will deliver 5 g fludioxonil and 2 g mefenoxam per 100 kg of seed.

SEED CONTAINER LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with fludioxonil and mefenoxam fungicides.
- Do not use treated seed for feed, food or oil purposes.
- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seed treated with Maxim XL fungicide:

- Ground Water Advisory: Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. Fludioxonil has properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Forage may not be grazed until 30 days after planting.
- Store treated seed away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and chemical-resistant gloves when handling treated seed.
- Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment washwater or rinsate.
- Dispose of seed package or containers in accordance with local requirements. Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used for agronomic practice.

CROP USE DIRECTIONS

CARROTS, COTTON, FORAGE GRASSES, GARDEN BEETS, PEANUTS, LEAFY VEGETABLES, AND SPINACH

For protection against seed-borne and soil-borne fungi, which cause decay, damping-off, and seedling blight, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	Low to Moderate *Pythium* damping-off	0.278
	High level of *Pythium* damping-off	0.598
0.334	Low to Moderate *Pythium* damping-off	0.234
	High level of *Pythium* damping-off	0.553

*Refer to the **Product Information** section for additional guidance on rate selection.

SOYBEANS (INCLUDING FOR FOLIAGE)

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, and early season *Phytophthora* protection, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed (equivalent rate in mg ai/seed or fl oz/140,000 seeds)	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed (equivalent rate in mg ai/seed or fl oz/140,000 seeds)
0.167 (0.0053 mg ai/seed) or (0.078 fl oz/140,000 seed)	Low to Moderate level of *Pythium* damping-off protection	0.117 (0.0041 mg ai/seed) or (0.055 fl oz/140,000 seed)
	High level of *Pythium* and early season *Phytophthora* protection	0.598 (0.0212 mg ai/seed or (0.279 fl oz/140,000 seed)
0.334 (0.0106 mg ai/seed) or (0.156 fl oz/140,000 seed)	Low to Moderate level of *Pythium* damping-off protection	0.074 (0.0026 mg ai/seed) or (0.035 fl oz/140,000 seed)

	High level of *Pythium* and early season *Phytophthora* protection	0.553 (0.0196 mg ai/seed) or (0.258 fl oz/140,000 seed)

*Refer to the **Product Information** section for additional guidance on rate selection.

Note: Maxim XL contains 6.73 grams active fludioxonil and 2.84 grams active mefenoxam per fluid ounce of Maxim XL. Based on 3,000 seed per pound for the soybeans.

CEREAL GRAINS: WHEAT, BARLEY, RYE, OATS, BUCKWHEAT AND TRITICALE

For protection against damping-off caused by *Fusarium* spp., *Rhizoctonia* spp., and *Pythium* spp., and general seed rots caused by *Aspergillus* spp. and *Penicillium* spp. in wheat, barley, rye, and oats, apply 0.167-0.334 fl oz of Maxim XL. Apply Maxim XL at 0.167-0.334 fl oz for protection against *Tilletia caries* (Common Bunt) in wheat.

Maxim XL may also be used in combination with Dividend® XL for damping-off caused by *Fusarium* spp. in wheat. Maxim XL at 0.084 fl oz may be combined with labeled rates of Dividend XL for a broader spectrum of seedling disease protection. Follow all label directions described on the Dividend XL label.

OTHER CEREAL GRAINS: MILLET AND RICE ONLY

For protection against seed-borne and soil-borne fungi, which cause decay, damping-off, and seedling blight, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	Low to Moderate *Pythium* damping-off	0.278
	High level of *Pythium* damping-off	0.598
0.334	Low to Moderate *Pythium* damping-off	0.074
	High level of *Pythium* damping-off	0.553

*Refer to the **Product Information** section for additional guidance on rate selection.

CORN: FIELD CORN AND POPCORN

For protection against seed-borne and soil-borne fungi that cause seed decay, damping-off, and seedling blight, and for control of seed-borne head smut

(Sphacelotheca reiliana), apply Maxim XL as shown below. If *Pythium* disease pressure is high and the low rate of Maxim XL is used, apply Apron XL and Dynasty® as well. If *Pythium* disease pressure is high and the high rate of Maxim XL is used, apply Dynasty, but **do not** apply Apron XL. Follow application and other instructions found on the Apron XL and Dynasty labels.

Maxim XL Use Rate*			Expected *Pythium* pressure	Apron XL Use Rate			Dynasty Use Rate		
fl oz/ 100 lb seed	fl oz/ 80,000 kernel count	mg active ingre-dient per kernel		fl oz/ 100 lb seed	fl oz/ 80,000 kernel count	mg active ingre-dient per kernel	fl oz/ 100 lb seed	fl oz/ 80,000 kernel count	mg active ingre-dient per kernel
0.167	0.075	0.009	Low to Moderate	—	—	—	—	—	—
			High	0.0425	0.019	0.0025	0.153	0.0688	0.0025
0.334	0.150	0.018	Low to Moderate	—	—	—	—	—	—
			High	—	—	—	0.153	0.0688	0.0025

*Refer to the **Product Information** section of this label for additional guidance on rate selection.

CORN: ALL SWEET CORN

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, and systemic downy mildew, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	Low to Moderate level of *Pythium* pressure	0.278
	High level of *Pythium* pressure	0.598
	For systemic downy mildew protection	1.230
0.334	Low to Moderate level of *Pythium* pressure	0.234
	High level of *Pythium* pressure	0.553
	For systemic downy mildew protection	1.190

*Refer to the **Product Information** section for additional guidance on rate selection.

FORAGE LEGUMES – ALFALFA, CLOVER, LESPEDEZA, BEANS (FOR FORAGE), SOYBEANS (FOR FORAGE), SOYBEAN HAY, PEAS (FOR FORAGE), PEA VINE HAY, COWPEAS (FOR FORAGE), COWPEA HAY, TREFOIL, VETCH, AND VELVET BEANS (FOR FORAGE)

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, and early season *Phytophthora*, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	For *Pythium* damping-off and early season *Phytophthora* protection	0.598
	For suppression of early season downy mildew in alfalfa and soybeans	0.598
0.334	For *Pythium* damping-off and early season *Phytophthora* protection	0.553
	For suppression of early season downy mildew in alfalfa and soybeans	0.553

*Refer to the **Product Information** section for additional guidance on rate selection.

LEGUME VEGETABLES – BLACK-EYED PEAS, COWPEAS, EDIBLE SOYBEANS, FIELD BEANS, CHICK PEAS (GARBANZO BEANS), FIELD PEAS, GARDEN PEAS, GREEN BEANS, KIDNEY BEANS, LIMA BEANS, NAVY BEANS, PEAS, PINTO BEANS, POLE BEANS, SNAP BEANS, STRING BEANS, WAX BEANS, LENTILS, AND LUPINES

For protection against seed-borne and soil-borne fungi which cause decay, damping-off, and seedling blight, and early season *Phytophthora* protection, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	For low *Pythium* pressure	0.0425
	For high *Pythium* pressure	0.598
	For early season *Phytophthora* protection	0.598
	For systemic downy mildew protection in peas	1.230
0.334	For high *Pythium* pressure	0.553

	For early season *Phytophthora* protection	0.553
	For systemic downy mildew protection in peas	1.190

*Refer to the **Product Information** section for additional guidance on rate selection.

SORGHUM

For protection against seed-borne and soil-borne fungi which cause seed decay, damping-off, and seedling blights of sorghum, and for downy mildew protection on cultivars which possess sorghum downy mildew resistance, Maxim XL must be tank mixed with Apron XL. Apply 0.167 fl oz of Maxim XL (0.0011 mg ai per seed*) tank mixed with 0.278-0.598 fl oz of Apron XL (0.0020-0.0044 mg mefenoxam per seed*) per 100 lb of seed. When higher disease pressure is expected, apply 0.334 fl oz of Maxim XL (0.0022 mg ai per seed*) with an additional 0.235-0.555 fl oz of Apron XL (0.0017-0.0041 mg mefenoxam per seed*) per 100 lb of seed.

To those cultivars, which do not possess resistance to a particular race of sorghum downy mildew in areas with recent history of severe disease, apply 0.167 fl oz of Maxim XL (0.0011 mg ai per seed*) per 100 lb seed with an additional 1.28 fl oz of Apron XL (0.0094 mg mefenoxam per seed*) per 100 lb seed for suppression of downy mildew. If higher disease pressure is expected, apply 0.334 fl oz of Maxim XL (0.0022 mg ai per seed*) with an additional 1.195 fl oz of Apron XL (0.0088 mg mefenoxam per seed*) per 100 lb seed.

*Based on 14,500 sorghum seeds per pound.

Follow all application instructions found on the Apron XL product label.

Note: Seed treated with the additional Apron XL (1.28 fl oz per 100 lb seed) should be planted and not stored or carried over to the following year. Only high quality sorghum seed (≥90% germ) should be treated with Apron XL.

SUNFLOWER

For protection against seed-borne and soil-borne fungi, which cause decay, damping-off, and seedling blight, apply Maxim XL and Apron XL as shown here:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	For *Pythium* damping-off protection	0.598
	For systemic downy mildew protection	1.230

0.334	For *Pythium* damping-off protection	0.553
	For systemic downy mildew protection	1.190

*Refer to the **Product Information** section for additional guidance on rate selection.

ALL TURFGRASSES

For protection against seed-borne and soil-borne fungi, which cause decay, damping-off, and seedling blight in turfgrass, apply Maxim XL and Apron XL on seed as follows:

Rate of Maxim XL* fl oz per 100 lb seed	Expected *Pythium* pressure	Rate of Apron XL fl oz per 100 lb seed
0.167	Low to Moderate *Pythium* damping-off protection	0.598
	High level of *Pythium* damping-off	1.230
0.334	Low to Moderate *Pythium* damping-off	0.553
	High level of *Pythium* damping-off	1.190

*Refer to the **Product Information** section for additional guidance on rate selection.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry, secure place.

Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Handling [less than or equal to 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining

contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons- mini-bulk]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons– bulk]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

Viton® is a trademark of E.I. duPont de Nemours and Company.

For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

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